

MRI Subgroup #1 – Workgroup Update January 13, 2022



Workgroup #1 Members and Meetings

Subgroup Members:

David Alexa - Dickinson
Lou Bischoff - Ascension
Abby Burnell – RWC
Scott Bowers – St Joe
Amy Chown - Sparrow
Triston Dougall – Mercy
Arlene Elliott – Arbor Advisors
Jenny Groseclose - Munson
Marlena Hendershot – Sparrow
Nancy List – McLaren
Brian Madison – The HCS Group
Cheryl Martin – Henry Ford
Ryan Mysen – Alliance Radiology
Patrick O’Donovan - Beaumont
Steve Szelag – University of Michigan
Dylan Taylor - Dickinson
David Walker – Spectrum
Ron Zapolski – MidMichigan Health

Meeting Dates:

September 9
October 6
November 4
November 29
December 6
December 27
January 11

Subgroup #1 Charges

#1 - Review all volume requirements for fixed and mobile MRI

#4 - Review the current equivalent weighting for patient sedation/general anesthesia in Section 15(1)(a) – **CLOSED**

#9 - Review the addition of a mobile service to a fixed site without physician commitment letters – **CLOSED (Adjusted)**

Charge #1 – Section 3 Initiation Proposal

Section 3. Requirements to initiate an MRI service

Sec 3. An applicant proposing to initiate an MRI service or a host site shall demonstrate the following requirements, as applicable:

- (1) An applicant proposing to initiate a fixed MRI service shall demonstrate 6,000 available MRI adjusted procedures per proposed fixed MRI unit from within the same planning area as the proposed service/unit.
- (2) An applicant proposing to initiate a fixed MRI service that meets the following requirements shall not be required to be in compliance with subsection (1):
 - (a) The applicant is currently an existing host site.
 - (b) The applicant has received in aggregate, one of the following:
 - (i) At least 6,000 MRI adjusted procedures.
 - (ii) At least 4,000 MRI adjusted procedures and the applicant meets all of the following:
 - (A) Is located in a county that has no fixed MRI machines that are pending, approved by the Department, or operational at the time the application is deemed submitted.
 - (B) The nearest fixed MRI machine is located more than 15 radius miles from the application site.
 - (iii) At least 3,000 MRI adjusted procedures and the applicant meets all of the following:
 - (A) The proposed site is a hospital licensed under Part 215 of the Code.
 - (B) The applicant hospital operates an emergency room that provides 24-hour emergency care services and at least 20,000 visits IF LOCATED IN A METROPOLITAN STATISTICAL AREA COUNTY, OR 10,000 VISITS IF LOCATED IN AN RURAL OR MICROPOLITAN STATISTICAL AREA, within the most recent 12-month period for which data, verifiable by the Department, is available.

Charge #1 – Section 5 Expansion Proposal

Section 5. Requirements to expand an existing MRI service

Sec. 5. An applicant proposing to expand an existing MRI service shall demonstrate the following:

- (1) An applicant shall demonstrate that the applicable MRI adjustable procedures are from the most recently published MRI Service Utilization List as of the date of an application is deemed submitted by the Department:
 - (a) Each existing MRI unit on the network has performed at least an average of 9,000 MRI adjusted procedures per MRI unit.
 - (b) Each existing fixed MRI unit at the current site has performed at least an average of ~~11,000~~ 9,000 MRI adjusted procedures per MRI unit.
 - (c) Each existing dedicated pediatric MRI unit at the current site has performed at least an average of 3,500 MRI adjusted procedures per MRI unit.
 - (d) The APPLICANT HAS BOTH A FIXED MRI AND MOBILE MRI HOST SITE AND
 - (i) IT COLLECTIVELY PERFORMED AT LEAST 9,000 MRI ADJUSTED PROCEDURES PER FIXED MRI UNIT WHEN IT'S FIXED AND MOBILE HOST MRI ADJUSTED PROCEDURES ARE COMBINED
 - (ii) IT IS PROPOSING TO CEASE OPERATION AS A HOST SITE AND NOT BECOME A HOST SITE FOR AT LEAST 12 MONTHS FROM THE DATE THE PROPOSED UNIT BECOMES OPERATIONAL.

9,000 APs = 85% capacity at 12 hours a day/6 days a week/50 weeks a year (45-minute slots)

Subgroup passed unanimously 1/11/2022

Charge #1 – Section 14 Project Delivery Volume Proposal

Section 14. Project delivery requirements – terms of approval

(4) Compliance with the following monitoring and reporting requirements:

(a) MRI units shall be operating at a minimum average annual utilization during the second 12 months of operation, and annually thereafter, as applicable:

(i) ~~6,000~~ 5,000 MRI adjusted procedures per unit for fixed MRI services unless compliant with (A),(B) or (C),

(A) 4,000 MRI adjusted procedures for the fixed MRI unit initiated pursuant to Section 3(2)(b)(ii) and is the only fixed MRI unit at the current site

(B) 3,000 MRI adjusted procedures for the fixed MRI unit initiated pursuant to Section 3(2)(b)(iii) and is the only fixed MRI unit at the hospital site licensed under part 215 of the code

(C) 2,000 MRI ADJUSTED PROCEDURES PER UNIT PER YEAR FOR MRI SERVICES WITH ONE FIXED UNIT LOCATED OUTSIDE THE 20-MILE RADIUS FROM THE NEXT CLOSEST FIXED MRI SERVICE

(ii) ~~5,500~~ 3,500 MRI adjusted procedures per unit for mobile MRI services

(iii) 3,500 MRI adjusted procedures per unit for dedicated pediatric MRI units

Subgroup passed unanimously 1/11/2022

MRI Workgroup Subgroup #3

Update Since Last Meeting

- The subgroup as well as MDHHS confirmed ownership of the MRI services in question
- At the request of the workgroup, the subgroup voted via email on the proposed language
- Although no meaningful changes were made to the proposed language the vote was 5 for, 4 against, and 1 abstention (vs 14-1 for/against previously)

Recommendation

- Due to a lack of consensus at this point we recommend not moving forward with the proposed changes

Appendix

Michigan Trauma Programs

Michigan Trauma Program (Owned MRI Status)

Trauma Facility Name	Location	Trauma Level - Adult	Trauma Level - Pediatric	MRI
Ascension St. John Hospital	Detroit	Level I	Level II	YES
Beaumont Hospital – Royal Oak	Royal Oak	Level I	Level II	YES
Bronson Methodist Hospital	Kalamazoo	Level I		YES
Detroit Receiving Hospital	Detroit	Level I		YES
Henry Ford Hospital	Detroit	Level I		YES
Hurley Medical Center	Flint	Level I	Level II	YES
Sparrow Hospital	Lansing	Level I		YES
Spectrum Health Butterworth	Grand Rapids	Level I		YES
St. Joseph Mercy Hospital	Ann Arbor	Level I		YES
University Hospital – Michigan Medicine	Ann Arbor	Level I		YES
Ascension Borgess Hospital	Kalamazoo	Level II		NO
Ascension Genesys Hospital	Grand Blanc	Level II		YES
Ascension Providence Hospital – Novi	Novi	Level II		YES
Ascension Providence Hospital – Southfield	Southfield	Level II		YES
Ascension St. Mary's of Michigan	Saginaw	Level II		YES
Beaumont Hospital – Dearborn	Dearborn	Level II		YES
Beaumont Hospital – Farmington Hills	Farmington Hills	Level II		YES
Beaumont Hospital – Trenton	Trenton	Level II		YES
Beaumont Hospital – Troy	Troy	Level II		YES
Covenant Healthcare	Saginaw	Level II	Level II	YES
Henry Ford Allegiance Health	Jackson	Level II		YES
Henry Ford Macomb Hospital	Clinton Township	Level II		YES
McLaren Lapeer Region	Lapeer	Level II		YES
McLaren Macomb Hospital	Mt. Clemens	Level II		YES
McLaren Northern Michigan	Petoskey	Level II		YES
McLaren Oakland	Pontiac	Level II		YES
Mercy Health Mercy Campus	Muskegon	Level II		YES
Mercy Health Saint Mary's	Grand Rapids	Level II		YES
Metro Health: University of Michigan Health	Wyoming	Level II		YES
MidMichigan Medical Center	Midland	Level II		YES
Munson Healthcare	Traverse City	Level II		YES
Sinai-Grace Hospital	Detroit	Level II		YES
St. Joseph Mercy Oakland	Pontiac	Level II		YES
St. Mary Mercy Hospital	Livonia	Level II		YES
UP Health System – Marquette	Marquette	Level II		YES

Trauma Facility Name	Location	Trauma Level - Adult	Trauma Level - Pediatric	MRI
Ascension Macomb-Oakland Hospital	Warren	Level III		YES
Ascension Providence Rochester Hospital	Rochester	Level III		YES
Aspirus Keweenaw Hospital	Laurium	Level III		YES
Beaumont Hospital – Grosse Pointe	Grosse Pointe	Level III		YES
Beaumont Hospital – Wayne	Wayne	Level III		YES
Bronson Battle Creek	Battle Creek	Level III		YES
Henry Ford West Bloomfield	West Bloomfield	Level III		YES
Henry Ford Wyandotte Hospital	Wyandotte	Level III		YES
Holland Hospital	Holland	Level III		YES
Lake Huron Medical Center	Port Huron	Level III		YES
McLaren Bay Region	Bay City	Level III		YES
McLaren Flint	Flint	Level III		YES
McLaren Greater Lansing	Lansing	Level III		YES
McLaren Port Huron	Port Huron	Level III		YES
MidMichigan Medical Center – Alpena	Alpena	Level III		YES
MidMichigan Medical Center – Gratiot	Alma	Level III		YES
Oaklawn Hospital	Marshall	Level III		YES
ProMedica Monroe Regional Hospital	Monroe	Level III		YES
Spectrum Health Blodgett	Grand Rapids	Level III		YES
Spectrum Health Lakeland – St. Joseph	St. Joseph	Level III		YES
Spectrum Health Zeeland Community Hospital	Zeeland	Level III		YES
UP Health System – Portage	Hancock	Level III		YES
War Memorial Hospital	Sault St. Marie	Level III		YES
Allegan General Hospital	Allegan	Level IV		YES
Ascension Macomb-Oakland Hospital; Madison Heights	Madison Heights	Level IV		YES
Ascension River District Hospital	East China	Level IV		YES
Ascension St. Joseph Hospital	Tawas City	Level IV		YES
Ascension Standish Hospital	Standish	Level IV		YES
Aspirus Iron River Hospital and Clinics	Iron River	Level IV		NO
Aspirus Ironwood Hospital	Ironwood	Level IV		YES
Aspirus Ontonagon Hospital	Ontonagon	Level IV		YES
Baraga County Memorial Hospital	L'Anse	Level IV		YES
Beaumont Hospital – Taylor	Taylor	Level IV		YES
Bronson Lakeview Hospital	Paw Paw	Level IV		YES
Bronson South Haven Hospital	South Haven	Level IV		YES
Deckerville Community Hospital	Deckerville	Level IV		YES
Eaton Rapids Medical Center	Eaton Rapids	Level IV		YES
Harbor Beach Community Hospital	Harbor Beach	Level IV		YES
Helen Newberry Joy Hospital	Newberry	Level IV		YES
Hills and Dales General Hospital	Cass City	Level IV		NO
Kalkaska Memorial Health Center	Kalkaska	Level IV		YES
Lakeland Hospital – Watervliet	Watervliet	Level IV		YES
Marlette Regional Hospital	Marlette	Level IV		YES
McKenzie Health System	Sandusky	Level IV		YES

Trauma Facility Name	Location	Trauma Level - Adult	Trauma Level - Pediatric	MRI
McLaren Caro Region	Caro	Level IV		NO
Mercy Health Lakeshore Campus	Shelby	Level IV		YES
MidMichigan Medical Center – Clare	Clare	Level IV		YES
Munson Healthcare Cadillac Hospital	Cadillac	Level IV		YES
Munson Healthcare Charlevoix Hospital	Charlevoix	Level IV		YES
Munson Healthcare Grayling Hospital	Grayling	Level IV		YES
North Ottawa Community Hospital	Grand Haven	Level IV		YES
OSF Healthcare St. Francis Hospital and Medical Group	Escanaba	Level IV		YES
Osago Memorial Hospital	Gaylord	Level IV		YES
Paul Oliver Memorial Hospital	Frankfort	Level IV		YES
Scheurer Hospital	Pigeon	Level IV		YES
Sparrow Carson Hospital	Carson	Level IV		YES
Sparrow Clinton Hospital	St. Johns	Level IV		YES
Sparrow Ionia Hospital	Ionia	Level IV		YES
Spectrum Health Big Rapids Hospital	Big Rapids	Level IV		YES
Spectrum Health Gerber Memorial Hospital	Fremont	Level IV		YES
Spectrum Health Kelsey Hospital	Lakeview	Level IV		YES
Spectrum Health Lakeland – Niles	Niles	Level IV		YES
Spectrum Health Ludington Hospital	Ludington	Level IV		YES
Spectrum Health Pennock Hospital	Hastings	Level IV		YES
Spectrum Health Reed City Hospital	Reed City	Level IV		YES
Spectrum Health United Hospital	Greenville	Level IV		YES
C.S. Mott Children's Hospital	Ann Arbor		Level I	YES
Children's Hospital of Michigan	Detroit		Level I	YES
Helene DeVos Children's Hospital	Grand Rapids		Level I	YES

Sites By Trauma Level

13 Level 1 Trauma Centers

25 Level 2 Trauma Centers

23 Level 3 Trauma Centers

43 Level 4 Trauma Centers

Only four Trauma Programs in the state do not have MRI CON (defined as not in the name of their facility)

Source: CON Survey data and ACS listing of Michigan Trauma Programs

American College of Surgeon Trauma Standards

Interventional radiologic procedures and sonography must be available 24 hours per day at Level I and II trauma centers (CD 11–44). Magnetic resonance imaging (MRI) capability must be available 24 hours per day at Level I and II trauma centers (CD 11–45). The MRI technologist may respond from outside the hospital; however, the PIPS program must document and review arrival within 1 hour of this individual's being called. This time should meet current clinical guidelines (CD 11–46). In Level III centers, if the CT technologist takes call from outside the hospital, the PIPS program must document the technologist's time of arrival at the hospital (CD 11–47).

Michigan Stroke Programs

JCAHO Standards for Stroke Certification

The Joint Commission Stroke Certification Programs – Program Concept Comparison

Program Concept	ASRH	PSC	TSC	CSC
Stroke Unit	No designated beds for acute care of stroke patients	Stroke unit or designated beds for the acute care of stroke patients	Has a neurointensive care unit or designated intensive care beds for complex stroke patients available 24/7; on-site critical care coverage 24/7	Has a neurointensive care unit or designated intensive care beds for complex stroke patients available 24/7; on-site neurointensivist coverage 24/7
Initial Assessment of Patient	Emergency Department physician, nurse practitioner, or physician assistant	Emergency Department physician	Emergency Department physician	Emergency Department physician
Diagnostic Testing Capability	CT, labs 24/7 (MRI 24/7 if used)	CT, MRI (if used), labs 24/7; CTA and MRA (to guide treatment decisions), at least one modality for cardiac imaging when necessary	CT, MRI, labs, CTA, MRA, catheter angiography 24/7; other cranial and carotid duplex ultrasound, TEE as indicated	CT, MRI, labs, CTA, MRA, catheter angiography 24/7; other cranial and carotid duplex ultrasound, TEE, TTE as indicated
Neurologist Accessibility	24/7 via in person or telemedicine	24/7 via in person or telemedicine	24/7 via in person or telemedicine; written call schedule for attending physicians providing availability 24/7	Meets concurrently emergent needs of multiple complex stroke patients; Written call schedule for attending physicians providing availability 24/7
Neurosurgical Services	Within 3 hours (provided through transferring the patient)	Within 2 hours; OR is available 24/7 in PSCs providing neurosurgical services	Within 2 hours; OR is available 24/7 in TSCs providing neurosurgical services	24/7 availability: Neurointerventionist; Neuroradiologist; Neurologist; Neurosurgeon
Telemedicine	Within 20 minutes of it being necessary	Available if necessary	Available if necessary	Available if necessary
Treatment Capabilities	IV thrombolytics; Anticipate transfer of patients who have received IV thrombolytics	IV thrombolytics and medical management of stroke	IV thrombolytics; Mechanical thrombectomy, IA thrombolytics	IV thrombolytics; Endovascular therapy; Microsurgical neurovascular clipping of aneurysms; Neuroendovascular coiling of aneurysms; Stenting of extracranial carotid arteries; Carotid endarterectomy
Transfer protocols	With one PSC, TSC, or CSC	For neurosurgical emergencies	For neurosurgical emergencies	For receiving transfers and circumstances for not accepting transferred patients
Staff Stroke Education Requirements	ED staff – a minimum of twice a year; core stroke team at least 4 hours annually	ED staff – a minimum of twice a year; core stroke team at least 8 hours annually	Nurses and other ED staff – 2 hours annually; Stroke nurses and core stroke team – 8 hours annually	Nurses and other ED staff - 2 hours annually; Stroke nurses and core stroke team - 8 hours annually
Provision of Educational Opportunities	Provides educational opportunities to prehospital personnel	Provides educational opportunities to prehospital personnel; Provides at least 2 stroke education activities per year to public	Provides educational opportunities to prehospital personnel; Provides at least 2 stroke education activities per year to public	Sponsors at least 2 public educational opportunities annually; LIPs and staff present 2 or more educational courses annually for internal staff or individuals external to the comprehensive stroke center (e.g., referring hospitals)

This grid is only a comparison of program requirements and should not be relied upon in lieu of reading a program manual. © Copyright 2021 The Joint Commission. The Stroke Certification Programs – Program Concept Comparison is used by American Heart Association/American Stroke Association with permission. Current as of 04/20/21.

MDHHS Stroke Programs

#	Michigan Stroke Hospitals	Certification Status
1	Ascension Borgess Hospital	CSC
2	Ascension Genesys Hospital *	PCS
3	Ascension Macomb-Oakland, Warren Campus	PSC
4	Ascension St Mary's Hospital	CSC
5	Ascension St. John Hospital	CSC
6	Ascension Providence Hospital, Novi Campus	CSC
7	Ascension Providence Rochester Hospital	PSC
8	Ascension Providence Hospital, Southfield Campus	PSC
9	Aspirus Iron River Hospital	
10	Aspirus Ironwood Hospital	
11	Aspirus Keweenaw Hospital	
12	Aspirus Ontonagon Hospital	
13	Bronson Methodist Hospital	CSC
14	Covenant Health Care System	PSC
15	Deckerville Community Hospital	
16	Detroit Receiving Hospital	PSC
17	Henry Ford Detroit Hospital*	CSC
18	Henry Ford Macomb Hospital	PSC
19	Henry Ford West Bloomfield Hospital	PSC/TSC
20	Henry Ford Wyandotte Hospital	PSC
21	Hurley Medical Center	PSC
22	Huron Valley-Sinai Hospital	PSC
23	Marlette Regional Hospital	
24	McKenzie Health System	ASRH
25	McLaren Bay Hospital	PCS
26	McLaren Flint Hospital *	CSC
27	McLaren Greater Lansing Hospital	PSC
28	McLaren Lapeer Region Hospital	PSC
29	McLaren Macomb Hospital	PSC

30	McLaren Northern Michigan Hospital *	PSC
31	McLaren Oakland Medical Ctr.	PSC
32	McLaren Port Huron Hospital	PSC
33	Mercy Health Muskegon Hospital	PSC
34	Mercy Health Saint Mary's Hospital	CSC
35	Metro Health Hospital-Grand Rapids	PSC
36	Michigan Medicine Hospital	CSC
37	Munson Medical Center *	PSC
38	Oaklawn Hospital	
39	ProMedica Bixby Hospital	PSC
40	ProMedica Herrick Hospital	PSC
41	ProMedica Monroe Regional Hospital	PSC
42	Sparrow Hospital *	CSC
43	Spectrum Lakeland Health*	PSC
44	Spectrum Health Blodgett	PSC
45	Spectrum Health Butterworth	CSC
46	St. Joseph Mercy Hospital-Ann Arbor	TSC
47	St. Joseph Mercy Hospital-Chelsea	PSC
48	St. Joseph Mercy Hospital-Oakland	TSC, PSC
49	St. Mary Mercy Hospital - Livonia	PSC

PSC = [Primary Stroke Center](#)

CSC = [Comprehensive Stroke Center](#)

TSC = [Thrombectomy-Capable Stroke](#)

Stroke Programs (Primary and higher) without MRI

- Ascension Borgess Hospital
- Promedica Herrick Hospital (Note: merged with Promedica Bixby at new site and this facility closed)

12 Comprehensive Stroke Centers (CSC)
 2 Thrombectomy-Capable Stroke Centers (TSC)
 33 Primary Stroke Centers (PSC) inc. Beaumont

Note: Beaumont sites are not listed on the MDHHS website. Beaumont Royal Oak is a CSC, 6 other facilities are designated Primary Stroke Centers.
 Source: https://www.michigan.gov/documents/mdhhs/Primary_and_Certified_Stroke_Centers_in_MI_620331_7.pdf

MRI Ownership

MRI Service Ownership

Hospital	Location	Adult Trauma	Peds Trauma	Stroke Center Type	Notes	Owned	Person Verifying
Ascension St. John Hospital	Detroit	Level I	Level II	CSC		Yes	Chris Struve
Beaumont Hospital – Royal Oak	Royal Oak	Level I	Level II	CSC		Yes	Patrick O'Donovan
Bronson Methodist Hospital	Kalamazoo	Level I		CSC		Yes	MDHHS
Detroit Receiving Hospital	Detroit	Level I		PSC		Yes	MDHHS
Henry Ford Hospital	Detroit	Level I		CSC		Yes	Nick Bevins
Hurley Medical Center	Flint	Level I	Level II	PSC		Yes	MDHHS
Sparrow Hospital	Lansing	Level I		CSC		Yes	Marlena Hendershot
Spectrum Health Butterworth	Grand Rapids	Level I		CSC		Yes	Dave Walker
St. Joseph Mercy Hospital	Ann Arbor	Level I		TSC		Yes	Scott Bowers
University Hospital – Michigan Medicine	Ann Arbor	Level I		CSC		Yes	Steve Szelag
UP Health System – Marquette	Marquette	Level II		PSC		Yes	Chris Struve
Ascension Borgess Hospital	Kalamazoo	Level II		CSC		No	Chris Struve
Ascension Genesys Hospital	Grand Blanc	Level II		PSC		Yes	Chris Struve
Ascension Providence Hospital – Novi	Novi	Level II		CSC		Yes	Chris Struve
Ascension Providence Hospital – Southfield	Southfield	Level II		PSC		Yes	Chris Struve
Ascension St. Mary's of Michigan	Saginaw	Level II		CSC		Yes	Chris Struve
Beaumont Hospital – Dearborn	Dearborn	Level II		PSC		Yes	Patrick O'Donovan
Beaumont Hospital – Farmington Hills	Farmington Hills	Level II		PSC		Yes	Patrick O'Donovan
Beaumont Hospital – Trenton	Trenton	Level II		PSC		Yes	Patrick O'Donovan
Beaumont Hospital – Troy	Troy	Level II		PSC		Yes	Patrick O'Donovan
Covenant Healthcare	Saginaw	Level II	Level II	PSC		Yes	MDHHS
Henry Ford Allegiance Health	Jackson	Level II		PSC		Yes	Nick Bevins
Henry Ford Macomb Hospital	Clinton Township	Level II		PSC		Yes	Nick Bevins
McLaren Lapeer Region	Lapeer	Level II		PSC		Yes	Nancy List
McLaren Macomb Hospital	Mt. Clemens	Level II		PSC		Yes	Nancy List
McLaren Northern Michigan	Petoskey	Level II		PSC		Yes	Nancy List
McLaren Oakland	Pontiac	Level II		PSC		Yes	Nancy List
Mercy Health Mercy Campus	Muskegon	Level II		PSC		Yes	Scott Bowers
Mercy Health Saint Mary's	Grand Rapids	Level II		CSC		Yes	Scott Bowers
Metro Health: University of Michigan Health	Wyoming	Level II		CSC		Yes	MDHHS
MidMichigan Medical Center	Midland	Level II		PSC		Yes	MDHHS
Munson Healthcare	Traverse City	Level II		PSC		Yes	Jenny Groseclose
Sinai-Grace Hospital	Detroit	Level II		NA	Website indicates only Harper, Huron, and Detroit Receiving are PSCs	Yes	Chris Struve
St. Joseph Mercy Oakland	Pontiac	Level II		TSC		Yes	Scott Bowers
St. Mary Mercy Hospital	Livonia	Level II		PSC		Yes	Scott Bowers
C.S. Mott Children's Hospital	Ann Arbor		Level I	NA		Yes	Steve Szelag
Children's Hospital of Michigan	Detroit		Level I	NA		Yes	MDHHS
Helen DeVos Children's Hospital	Grand Rapids		Level I	NA		Yes	Dave Walker
Count of Level 1/2 Trauma Facilities (includes Peds)	38						
Count of Stroke Centers Primary+	34						
Sites that Qualify (e.g. have both)	33		Exception is Sinai-Grace				